

Meet Your Robot!



VEX Robotics, Inc.

www.vex.com

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Meet Your Robot

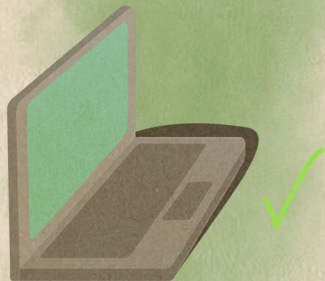


Hi! I'm Vector P. Robot, you can call me VEX. I'm smaller than some other robots you might know, but that's okay. I can still do a lot of fun things with my friends. I have robot friends and human friends.

Meet Your Robot

A robot is a device that can do things when it is programmed by a human.

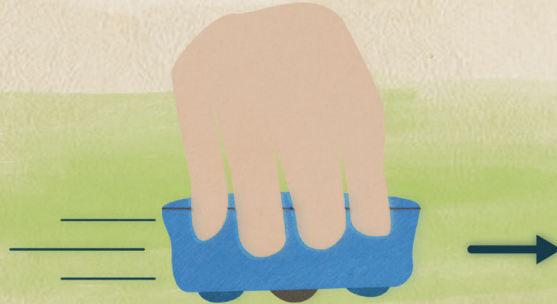
Robots can sense things and use the information to do things. We can move and act in a lot of different ways. What we can do depends on our parts and programs.



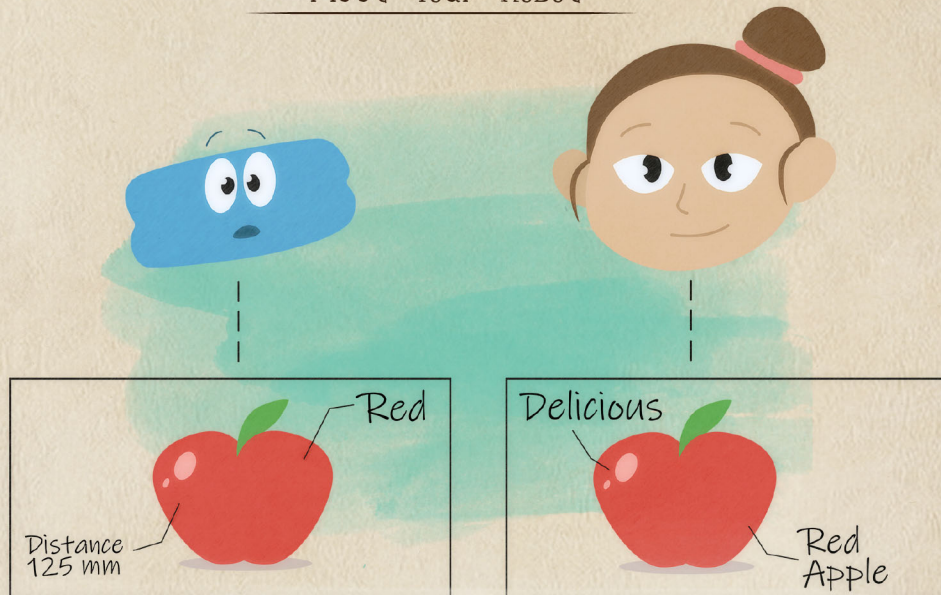
Meet Your Robot



I communicate with lights,
sounds, and motion. When
you push to wake me up,
I make a sound to let you
know I'm ready to go.



Meet Your Robot



When I open my eyes, I can see things. But
I see them differently than you do.



I have a brain, just like you, but I use it a little differently. My brain works with symbols and steps that are put together to make a language called programming language.

I only work with
symbols that
tell me to do
something, and those
actions are called
behaviors.



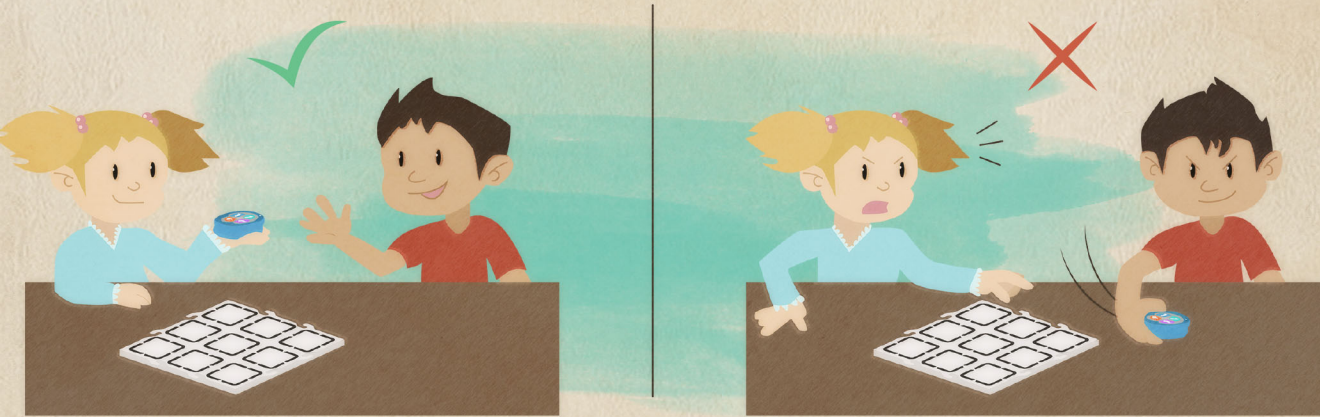
Meet Your Robot

Unlike humans, I can't control my behaviors, and I need help to do things. I get help from human friends and robot friends. Humans speak to me using commands.



Meet Your Robot

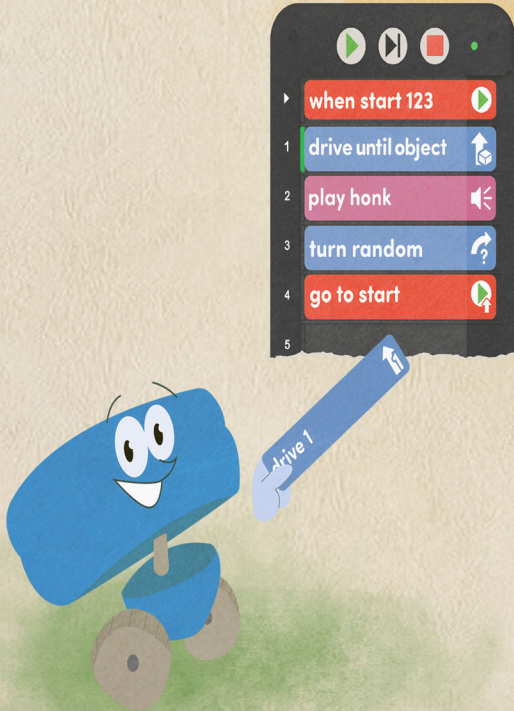
Humans like you can control your own behaviors, and you have to help me by remembering to take turns when we play together. If too many people are grabbing me, I can't do the things we want to do.



Meet Your Robot

Sometimes you push the buttons to tell me a command, and other times you tell me with Coder cards, or blocks.

It's like when you learn to read - first you read a few words, (buttons); then you read little books (coder); then you read chapter books (blocks).





Just like I made a sound to let you know I was awake, I use sounds and lights to let you know that I heard you, and that I'm following directions.

Meet Your Robot

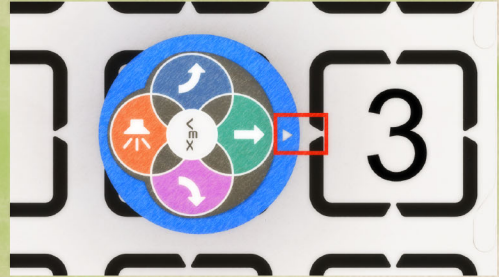
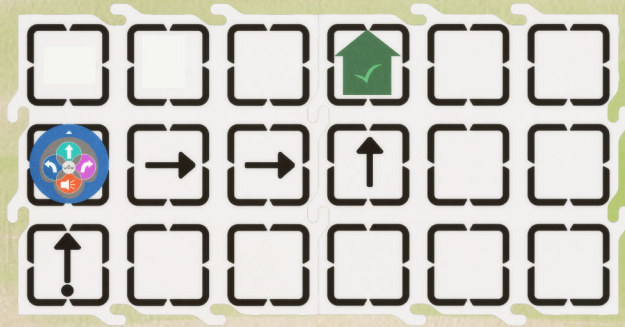
I am a really good problem solver! I love mazes and puzzles. I also really like math and numbers.



Since I'm a robot, I'm not good at controlling my own body. I need lots of help from my human friends.



Meet Your Robot



Now that you know a little bit about how I work, you should know some things that I like and don't like. Things I like: puzzles, math, pretending. I have a special kind of robot playground too! It can be turned into almost anything, and it's one of my favorite places to run around.

Things I don't
like: crashing
into things and
falling down.
Please help me
stay safe.



Meet Your Robot



Has anyone ever told you
a bunch of things at once,
and you feel confused?
Well, sometimes my human
friends forget how I work,
and they push all my
buttons at the same time.
That makes my brain hurt.

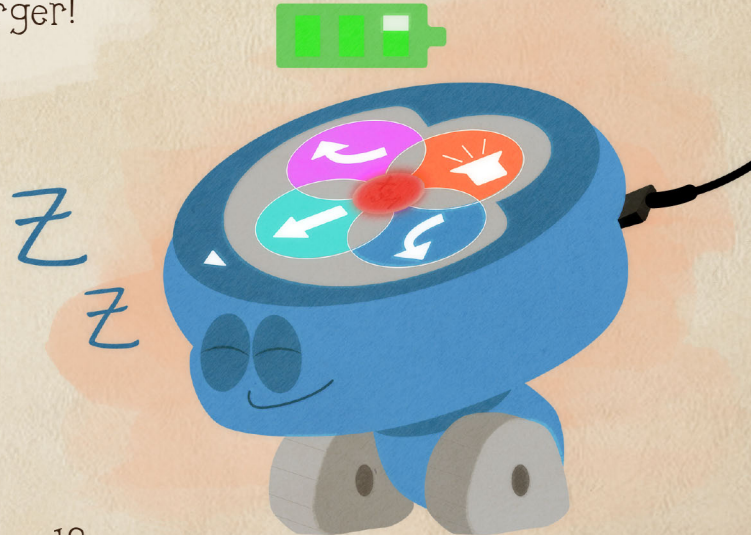
Meet Your Robot

Sometimes we will make mistakes together and things won't go the way we want them to the first time around. That's ok! I'm really good at being persistent when I'm problem solving. If you want me to forget something, just shake me until you hear my forgetting sound.



Meet Your Robot

After we play for a while, I get tired, just like you, and I need to rest. I go to sleep like other devices - with a charger!



Meet Your Robot

Now that you know all
about me, we can play and
learn together all day long!

